

C-6

April 12, 2022

HONORABLE MAYOR AND CITY COUNCIL
City of Long Beach
California

RECOMMENDATION:

Adopt a Resolution authorizing the City Manager, or designee, to execute a contract, and any necessary documents including any subsequent amendments, with California Surveying and Drafting Supplies, Inc., of Sacramento, CA, to furnish and deliver Trimble Alloy Global Navigation Satellite Systems, base station receivers, hardware and related software for subsidence monitoring activity, in a total annual amount not to exceed \$140,000, for a period of two years. (Citywide)

DISCUSSION

City Council approval is requested to enter into a contract with California Surveying and Drafting Supplies, Inc. (CSDS), to furnish and deliver Trimble Alloy Global Navigation Satellite Systems (GNSS), base station receivers, hardware, and related software for subsidence monitoring activity.

The City of Long Beach (City) Energy Resources Department (ER) monitors surface elevation for oil field-related subsidence control through 14 permanent, City-owned Trimble Global Positioning System (GPS) base station receivers that collect surface elevation data in real-time. This information is augmented by the semi-annual mobile surveying of 240 GPS benchmarks collected from 5 portable Trimble GPS R-10 rover receivers. From 2010 through 2012, ER replaced its GPS receivers with Trimble NetR9 base station receivers and Trimble R8 rover receivers. Currently, the GPS hardware is two years beyond its designed life expectancy. Firmware updates are no longer available for the current GPS hardware, and existing hardware cannot see newly launched GPS/GNSS satellites.

In 2020, ER conducted a technical evaluation of its Real-Time Network (RTN) and determined that the RTN software and equipment in use at that time was in need of replacement. The software was incapable of being upgraded and required replacement. ER determined the upgrade would be divided into two phases:

Phase 1: GPS base station receiver replacement – 7 stations

Phase 2: GPS base station receiver replacement – 7 stations

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CSDS is the only authorized distributor in the Southern California region to sell and service the full line of Trimble survey products and is the only local supplier of Trimble receivers compatible with the City's current surface elevation monitoring system.

City Charter Section 1801 requires that contracts for City purchases be awarded to the lowest responsible bidder after a competitive bid process but allows for awards without a competitive bid process when authorized by a Resolution adopted by the City Council.

This matter was reviewed by Principal Deputy City Attorney Richard F. Anthony and Purchasing Agent Michelle Wilson on March 14, 2022, and by Revenue Management Officer Geraldine Alejo on March 24, 2022.

TIMING CONSIDERATIONS

City Council action to adopt a Resolution and award a contract concurrently is requested on April 12, 2022, to ensure the contract is in place expeditiously.

FISCAL IMPACT

The total annual amount of the contract will not exceed \$140,000. Sufficient appropriation to support the annual contract amount is budgeted in the Tidelands Oil Revenue Fund Group in the Energy Resources Department. This recommendation has no staffing impact beyond the normal budgeted scope of duties and is consistent with existing City Council priorities. There is no local job impact associated with the recommendation.

SUGGESTED ACTION:

Approve recommendation.

Respectfully submitted,



ROBERT M. DOWELL
DIRECTOR OF ENERGY RESOURCES

ATTACHMENT - Resolution

APPROVED:



THOMAS B. MODICA
CITY MANAGER

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RESOLUTION NO.

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF LONG BEACH AUTHORIZING THE CITY MANAGER TO EXECUTE A CONTRACT WITH CALIFORNIA SURVEYING & DRAFTING SUPPLY, INC., WITHOUT ADVERTISING FOR BIDS, TO FURNISH AND DELIVER TRIMBLE ALLOY GLOBAL NAVIGATION SATELLITE SYSTEMS, BASE STATION RECEIVERS, HARDWARE AND RELATED SOFTWARE FOR SUBSIDENCE MONITORING ACTIVITY IN AN ANNUAL AMOUNT NOT TO EXCEED \$140,000 FOR A PERIOD OF TWO YEARS

WHEREAS, the Energy Resources Department monitors surface elevation for oil field related subsidence control through fourteen permanent, City-owned Trimble Global Positioning system base station receivers that collect data in real time; and

WHEREAS, this information is augmented by the semi-annual mobile surveying of 240 GPS benchmarks collected from five portable Trimble GPS R-10 rover receivers; and

WHEREAS, in 2010-2012, Energy Resourced replaced its GPS receivers with Trimble NetR9 base station receivers and Trimble R8 rover receivers; currently the GPS hardware is over its life expectancy; and

WHEREAS, in 2020, Energy Resources conducted a technical evaluation of its real-time network and determined that the software and equipment are in need of replacement; and

WHEREAS, California Surveying & Drafting Supplies, Inc. is the only authorized distributor in the southern California region to sell and service the full line of

1 Trimble Survey products and is the only local supplier of Trimble receivers that are
2 compatible with the City’s current monitoring system; and

3 WHEREAS, no useful purpose would be served by advertising for bids for
4 furnishing and delivering Trimble Alloy Global Navigation Satellite Systems, base station
5 receivers, hardware and related software and to do so would constitute an idle and useless
6 act and an unnecessary expenditure of public funds;

7 NOW, THEREFORE, the City Council of the City of Long Beach resolves as
8 follows:

9 Section 1. The City Manager is hereby authorized to enter a contract,
10 without advertising for bids, with California Surveying & Drafting Supply, Inc. to furnish and
11 deliver Trimble Alloy Global Navigation Satellite systems, base station receivers, hardware
12 and related software for subsidence monitoring activity as may be required by the City of
13 Long Beach in an annual amount not to exceed One Hundred Forty Thousand Dollars
14 (\$140,000) for a period of two (2) years, at the discretion of the City Manager. If the sole
15 source status of California Surveying & Drafting Supply, Inc. changes, City shall publicly
16 bid instead of extending the contract.

17 Section 2. This resolution shall take effect immediately upon its adoption
18 by the City Council, and the City Clerk shall certify the vote adopting this resolution.

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OFFICE OF THE CITY ATTORNEY
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I hereby certify that the foregoing resolution was adopted by the City Council
of the City of Long Beach at its meeting of _____, 2022
by the following vote:

Ayes: Councilmembers: _____

Noes: Councilmembers: _____

Absent: Councilmembers: _____

Recusal(s): Councilmembers: _____

City Clerk